



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Cardiocirculatory Apparatus

2122-2-I0201D138-I0201D213M

Aims

To know how to recognize the clinical symptomatology of cardiovascular diseases

Contents

Pathophysiology and Clinical features of the following cardiovascular diseases:

- Chronic heart failure
- Chronic Coronary Syndrome
- Essential and secondary arterial hypertension
- Atrial fibrillation.
- Dislipidemia
- Basic concept of electrocardiography

Detailed program

- Chronic heart failure: pathophysiology, epidemiological mechanisms, types of decompensation (systolic and / or diastolic dysfunction). Diagnostic criteria of heart failure. Role of rehabilitation.
 - Chronic coronary syndromes: Clinical presentation of acute myocardial infarction and chronic coronary syndromes. Clinical and instrumental diagnosis. Complications of myocardial infarction. Secondary prevention of coronary events. Coronary revascularization
-

- Arterial Hypertension: Definition, diagnosis, epidemiology. Secondary causes of hypertension. Cardiovascular complications of hypertension. Prevention of hypertension. Role of lifestyle.
- Dislipidemia: definition, diagnosis, epidemiology. Target and therapies.
- EKG: basic interpretation of normal and pathological one.

Prerequisites

Basic skills of cardiovascular physiopathology, cardiovascular pathology and cardiovascular semeiotics

Teaching form

Lessons in attendance, subject to any ministerial changes following the COVID pandemic situation.

Textbook and teaching resource

International guidelines concerning major cardiovascular diseases

Semester

second semester (April 2021)

Assessment method

Exam in attendance.

Office hours

To be agreed with students, by e-mail contact
